

TOWN OF DAVIE

TOWN COUNCIL AGENDA REPORT

TO: Mayor and Councilmembers

FROM/PHONE: Herb Hyman/797-1016

SUBJECT: Resolution

AFFECTED DISTRICT: n/a

TITLE OF AGENDA ITEM: A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, ACCEPTING THE BID FOR CONSTRUCTION OF WATER PLANT IMPROVEMENTS AND WATER TRANSMISSION MAIN AND AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT FOR SUCH SERVICES.

REPORT IN BRIEF: A competitive bid was conducted for construction of water plant improvements and a water transmission main. The Town sent out specifications to eleven (11) prospective bidders. Additionally, the bid was advertised state-wide in Florida Bid Reporting and nationally in BidNet and also posted on the Town's web site. The Town received six (6) responses (five (5) bids and one (1) "no bid" response). The recommendation is for Wharton-Smith, Inc. who is the lowest responsive and responsible bidder. The approval of this resolution will allow the successful bidder to apply to his bonding company for the required performance and payment bonds. Upon issuance of the bonds, the Engineer's office, Calvin Giordano will assemble several copies of the agreement and present those copies for appropriate signature from the Town. The agreement is a standard agreement that has been reviewed by the bid specification committee and the Town's Attorney.

PREVIOUS ACTIONS: Not applicable

CONCURRENCES: The recommended award has been reviewed by the Utilities Director and the Bid Specification Committee who concur with the decision to award to Wharton-Smith, Inc.

FISCAL IMPACT:

Has request been budgeted? yes

If yes, expected cost: \$1,717,000.00

Account Name: Utilities Department-Capital Outlay Account

Additional Comments: Not applicable

RECOMMENDATION(S): Motion to approve the resolution.

Attachment(s):

Procurement Authorization

Bid Opening Report

Engineer's review, recommendation and Bid Tabulation

RESOLUTION NO. _____

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, ACCEPTING THE BID FOR CONSTRUCTION OF WATER PLANT IMPROVEMENTS AND WATER TRANSMISSION MAIN AND AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT FOR SUCH SERVICES.

WHEREAS, the Town is in need of construction of water plant improvements and a water transmission main; and

WHEREAS, the Town solicited sealed bids for such construction services; and

WHEREAS, after review, the Town Council wishes to accept the bid from Wharton-Smith, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA:

SECTION 1. The Town Council hereby accepts the bid from Wharton-Smith, Inc. for construction of water plant improvements and a water transmission main in the amount of \$1,717,000.00 and authorizes the Mayor to execute an agreement for such services.

SECTION 2. The Town Council hereby authorizes the expenditure from Utilities Department-Capital Outlay Account.

SECTION 3. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED THIS _____ DAY OF _____, 2002

MAYOR/COUNCILMEMBER

Attest:

TOWN CLERK

APPROVED THIS _____ DAY OF _____, 2002

TOWN OF DAVIE PROCUREMENT AUTHORIZATION

<u>ACCOUNT NUMBER.</u>	<u>BUDGET ITEM & DESCRIPTION</u>	<u>APPROXIMATE COST</u>
040-1058-536-6400 <i>UTILITIES CAPITAL OUTLAY</i>	Construction of Water Plant Improvements and Water Transmission Main	\$1,626,000

METHOD OF PROCUREMENT (check the one that applies)

- ☒ Open Competitive Bidding
☐ Piggyback on Contract Number _____
☐ Sole Source
☐ Request For Proposals

SPECIFICATIONS & LIST OF VENDORS MUST BE ATTACHED

Signed [Signature]
Department Head

Have Funds been Reserved YES 26184

Date 4/24/02 Signed [Signature]

Signed [Signature]
Town Administrator

<u>VENDOR</u>	<u>BIDS SUBMITTED</u>	<u>COST</u>
WHARLOW-SMITH		\$1,717,000.00
MGT		1,723,890.00
FLORIDA DESIGN		1,796,061.25
D.V. HIGGINS, INC.		1,990,185.00
ASTALDI CONSTRUCTION		2,025,930.00
WIDELL, INC		NO BID

Signed [Signature]
Procurement Manager

<u>TOWN ADMINISTRATOR'S RECOMMENDATION</u>	
<u>Vendor</u>	<u>Cost</u>
WHARLOW-SMITH	\$1,717,000.00
Signed <u>[Signature]</u> Town Administrator	

+

BID OPENING REPORT

BID NAME: WATER PLANT IMPROVEMENT & WATER TRANSMISSION MAIN

TIME: 2:04pm

BID NUMBER: B-02-74

DATE: 7/23/02

ESTIMATED COST: \$1,626,000

NO.	CONTRACTOR'S NAME	BID AMOUNT	RANK
1.	WIDELL, INC.	No Bid	
2.	HIGGINS, INC.	\$1,990,185.00	
3.	FLORIDA DESIGN	\$1,796,161.25	
4.	MGI - MORGAN GENERAL MECH. GROUP.	\$1,723,890.00	
5.	WHARTON-SMITH	\$1,717,000.00	
6.	ASTALDI CONSTRUCTION	\$2,025,930.00	
7.			
8.			
9.			
10.			

REMARKS

BIDS TAKEN BY KARL KENNEDY OF CALVIN KML 7.23.02
GOEDAND FOR REVIEW & RECOMMENDATION

NOTE: THE ABOVE BID AMOUNTS HAVE NOT BEEN CHECKED, AND BID TOTALS ARE SUBJECT TO CORRECTION AFTER THE BIDS HAVE BEEN COMPLETELY REVIEWED.

THIS IS ONLY A FINANCIAL RANKING OF ALL THE BIDS RECEIVED. THE USING DEPARTMENT IS RESPONSIBLE FOR REVIEWING THE BIDS FOR COMPLIANCE WITH ALL THE BID SPECIFICATIONS PRIOR TO SUBMITTAL OF LETTER OF RECOMMENDATION.

PURCHASING OFFICIAL: [Signature]
 WITNESS: [Signature]

DATE: 7/23/02
 DATE: 7/23/02



Calvin, Giordano & Associates, Inc.
Engineers Surveyors Planners

July 25, 2002

Mr. Herb Hyman
 Procurement Manager
 Town of Davie
 6591 Orange Drive
 Town of Davie, Florida 33314

RE: WTP Improvements & Water Transmission Main
 CG&A Project No. 99-1165
 Bid No. B-02-74

Dear Mr. Hyman:

On Tuesday, July 23, 2002 the Town received five (5) bids for the above referenced project. Enclosed please find one copy of the Bid Tabulation Form. We have reviewed the bid amounts, bid bonds and bid form attachments and have the following comments and recommendations.

The bidders are ranked numerically as follows:

<u>BIDDER</u>	<u>BID AMOUNT</u>
1. Wharton-Smith, Inc.....	\$1,717,000.00
2. MGI-Morgan General Mechanical.....	\$1,723,890.00
3. Florida Design Contractors, Inc.....	\$1,793,461.25
4. Douglas N. Higgins, Inc.....	\$1,990,185.00
5. Astaldi Construction Corp.....	\$2,025,903.00

The difference between the lowest bid amount and the Engineers Estimate is within 2%.

This office believes the low bidder is the most responsive/responsible bidder and recommends award of the contract to Wharton-Smith, Inc. of Lake Monroe, FL in the amount of \$1,717,000.00.

Should you have any comments or questions, please do not hesitate to contact this office at your earliest convenience.

Respectfully submitted,
CALVIN GIORDANO AND ASSOCIATES, INC.

Karl M. Kennedy
 Karl M. Kennedy
 Associate

Reply to:

☐ 1800 Eller Drive
 Suite 600
 Fort Lauderdale, Florida 33316
 (954) 921-7781
 (954) 921-8807 fax

☐ 560 Village Boulevard
 Suite 340
 West Palm Beach, Florida 33409
 (561) 684-6161
 (561) 684-6360 fax

cc: Daniel Colabella, Town of Davie Utilities Director

SUMMARY OF BID PROPOSALS RECEIVED
 FOR: Water Plant Improvements and Water Transmission Main
 LOCATION: Town of Davie

BID OPENING: 8/24/02
 2:30 PM
 CCA Project No. 99-1165

Prepared by Calvin Giordano & Associates, Inc.
 I hereby certify that the following is a true
 summary of proposals received:
 Signature: *Calvin Giordano*
 Date: 8/25/02

		Wharton-Smith, Inc. Lauderhale, FL		McAlhany General Mechanical Pompano Beach, FL		Florida Design Contractors, Inc. Lauderhale, FL		Douglas M. Higgins, Inc. Ft. Lauderdale, FL		Aerial Construction Corp. Davie, FL	
		QUANTITY	UNIT	UNIT PRICE	TOTAL ITEM AMOUNT	UNIT PRICE	TOTAL ITEM AMOUNT	UNIT PRICE	TOTAL ITEM AMOUNT	UNIT PRICE	TOTAL ITEM AMOUNT
1.	Water Transmission Main Mobilization and Demobilization	1	LS	\$82,900.00	\$82,900.00	\$42,000.00	\$42,000.00	\$28,500.00	\$28,500.00	\$80,800.00	\$80,800.00
2 (a)	12" D.I.P. water transmission main with push on type joints	1,000	LF	\$35.00	\$35,000.00	\$33.75	\$33,750.00	\$27,811.20	\$27,811.20	\$65.00	\$65,000.00
2 (b)	12" D.I.P. water transmission main with restrained type joints	1,000	LF	\$40.00	\$40,000.00	\$40.75	\$40,750.00	\$32,450.00	\$32,450.00	\$65.00	\$65,000.00
3 (a)	27" Air release valve	2	EA	\$4,500.00	\$9,000.00	\$1,000.00	\$2,000.00	\$3,300.00	\$3,300.00	\$4,000.00	\$8,000.00
3 (b)	10" Gate valve	1	EA	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$1,443.00	\$1,443.00	\$1,150.00	\$1,150.00
3 (c)	12" Gate valve	7	EA	\$1,500.00	\$10,500.00	\$1,000.00	\$7,000.00	\$1,655.00	\$11,585.00	\$1,300.00	\$10,100.00
4.	Reactive asphaltic concrete pavement, 1/2" thick, base, subgrade and sloping	1	LS	\$75,000.00	\$75,000.00	\$70,000.00	\$70,000.00	\$53,240.00	\$53,240.00	\$120,750.00	\$120,750.00
5 (a)	10" Slope with 1/2" Sloping valve	1	EA	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$6,105.00	\$6,105.00	\$5,000.00	\$5,000.00
6.	Connection of new water main to existing main by removing existing plug and connecting (include all fittings and materials)	1	EA	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$4,440.00	\$4,440.00	\$3,000.00	\$3,000.00
7.	Reinforced concrete pipe as required	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,665.00	\$1,665.00	\$28,750.00	\$28,750.00
8.	Maintenance of Traffic	1	LS	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$8,105.00	\$8,105.00	\$57,500.00	\$57,500.00
9.	Water Storage Tank Mobilization and Demobilization	1	LS	\$40,000.00	\$40,000.00	\$53,000.00	\$53,000.00	\$23,975.00	\$23,975.00	\$23,000.00	\$23,000.00
10.	Construct a 2.0 million gallon pretreated concrete water storage tank as specified in section 03710	1	LS	\$652,000.00	\$652,000.00	\$704,000.00	\$704,000.00	\$838,200.00	\$838,200.00	\$815,350.00	\$815,350.00
11.	Furnish and install two (2) large valves (gate and butterfly) including but not limited to loading, unloading, testing, lifting, valves, piping, pressure gauges, etc...	1	LS	\$112,000.00	\$112,000.00	\$113,000.00	\$113,000.00	\$115,000.00	\$115,000.00	\$78,000.00	\$78,000.00
12 (a)	10" D.I.P. water transmission main with restrained type joints	40	LF	\$13.00	\$520.00	\$9.00	\$360.00	\$2,131.20	\$2,131.20	\$45.00	\$1,800.00
12 (b)	10" D.I.P. water transmission main with restrained type joints	360	LF	\$62.00	\$22,320.00	\$40.00	\$14,400.00	\$68.33	\$24,600.00	\$90.00	\$32,400.00
12 (c)	10" D.I.P. water transmission main with restrained type joints	345	LF	\$90.00	\$31,050.00	\$100.00	\$34,500.00	\$127.65	\$44,025.00	\$120.00	\$41,400.00
12 (d)	10" Butterfly valve	3	EA	\$3,000.00	\$9,000.00	\$4,000.00	\$12,000.00	\$4,551.00	\$13,653.00	\$3,500.00	\$10,500.00
12 (e)	10" Gate valve	2	EA	\$3,400.00	\$6,800.00	\$4,000.00	\$8,000.00	\$1,554.00	\$3,108.00	\$725.00	\$2,550.00
12 (f)	10" Gate valve	1	EA	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$1,443.00	\$1,443.00	\$1,200.00	\$1,200.00
12 (g)	27" Air release valve	1	EA	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00	\$3,552.00	\$3,552.00	\$2,700.00	\$2,700.00
12 (h)	Remove/replace fence and remove trees	1	LS	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00	\$3,980.00	\$3,980.00	\$10,350.00	\$10,350.00
12 (i)	Connection of new water main to existing main by removing existing plug and connecting (include all fittings and materials)	1	LS	\$4,100.00	\$4,100.00	\$4,000.00	\$4,000.00	\$4,325.00	\$4,325.00	\$5,000.00	\$5,000.00
		1	LS	\$4,100.00	\$4,100.00	\$4,000.00	\$4,000.00	\$4,325.00	\$4,325.00	\$5,000.00	\$5,000.00
										\$3,175.00	\$3,175.00

SUMMARY OF BID PROPOSALS RECEIVED
FOR: Water Plant Improvements and Water Transmission Main
LOCATION: Town of Dawle

BID OPENING: 07/24/02
 2:30 PM
 CGA Project No. 99-1165

Prepared by Calvin, Giordano & Associates, Inc.
 I hereby certify that the following is a true
 and correct copy of proposals received:

Signature: *Calvin Giordano*
 Date: 7/25/02

ITEM NO.	DESCRIPTION	QUANT.	UNIT	Wharton Smith, Inc. Lafayette, MO, FL			MG Morgan General Mechanical Pompano Beach, FL			Florida Design Contractors, Inc. Lakeland, FL			Douglas N. Higgins, Inc. FL Lauderdale, FL			Asakhi Construction Corp. Davie, FL		
				UNIT PRICE	TOTAL ITEM AMOUNT		UNIT PRICE	TOTAL ITEM AMOUNT		UNIT PRICE	TOTAL ITEM AMOUNT		UNIT PRICE	TOTAL ITEM AMOUNT		UNIT PRICE	TOTAL ITEM AMOUNT	
13.	Raw Water Well Rehabilitation and Demolition	1	LS	\$45,700.00	\$45,700.00		\$54,000.00	\$54,000.00		\$41,070.00	\$41,070.00		\$41,070.00	\$41,070.00		\$41,070.00	\$41,070.00	
14.	Drill minimum 6 inch diameter test pit hole (120 feet deep)	120	LF	\$55.00	\$6,600.00		\$5,000.00	\$5,000.00		\$81.95	\$9,720.00		\$81.95	\$9,720.00		\$81.95	\$9,720.00	
15.	Geographical Log	1	EA	\$2,000.00	\$2,000.00		\$3,000.00	\$3,000.00		\$2,220.00	\$2,220.00		\$2,220.00	\$2,220.00		\$2,220.00	\$2,220.00	
16. (A)	Drill minimum 22-inch diameter borehole (100 feet deep each)	100	LF	\$150.00	\$15,000.00		\$110.00	\$11,000.00		\$150.59	\$15,060.00		\$150.59	\$15,060.00		\$150.59	\$15,060.00	
16. (B)	Drill 18-inch minimum diameter borehole through casing to take depth, approx. 20 LF	20	LF	\$150.00	\$3,000.00		\$110.00	\$2,200.00		\$160.50	\$3,330.00		\$110.00	\$2,200.00		\$110.00	\$2,200.00	
17.	Furnish and install 18-inch diameter PVC well casing to approx. 100 feet for one (1) well	100	LF	\$175.00	\$17,500.00		\$110.00	\$11,000.00		\$194.25	\$19,425.00		\$110.00	\$11,000.00		\$110.00	\$11,000.00	
18.	Existing production well No. 6 shall be modified by installing inside of the existing 20-inch diameter steel casing by conventional road rotary drilling methods to a depth of approx. 120 feet	1	LS	\$20,000.00	\$20,000.00		\$28,000.00	\$28,000.00		\$68,000.00	\$68,000.00		\$28,750.00	\$28,750.00		\$28,750.00	\$28,750.00	
19.	Cement grout installed	1	LS	\$18,000.00	\$18,000.00		\$11,000.00	\$11,000.00		\$19,800.00	\$19,800.00		\$11,500.00	\$11,500.00		\$11,500.00	\$11,500.00	
20.	Develop new and modified wells, approx. 24 hours each.	48	HR	\$250.00	\$12,000.00		\$10,560.00	\$10,560.00		\$277.50	\$13,320.00		\$320.00	\$15,360.00		\$320.00	\$15,360.00	
21.	Conduct aquifer pumping test and sand test, Lump sum for two (2) wells.	1	LS	\$20,000.00	\$20,000.00		\$11,000.00	\$11,000.00		\$31,000.00	\$31,000.00		\$11,000.00	\$11,000.00		\$11,000.00	\$11,000.00	
22.	All cost to perform color television video surveys for two (2) wells.	2	EA	\$1,000.00	\$2,000.00		\$3,000.00	\$3,000.00		\$1,188.00	\$2,376.00		\$2,875.00	\$5,750.00		\$2,800.00	\$5,600.00	
23.	Standby time at wells, approx. eight (8) hours.	8	HR	\$175.00	\$1,400.00		\$200.00	\$1,600.00		\$194.25	\$1,554.00		\$115.00	\$920.00		\$110.00	\$880.00	
24.	All part of collection and laboratory analysis of water quality samples for chemical/physical/bacteriological analysis for new and modified wells.	1	LS	\$5,200.00	\$5,200.00		\$13,000.00	\$13,000.00		\$5,882.00	\$5,882.00		\$13,800.00	\$13,800.00		\$13,000.00	\$13,000.00	
25.	Furnish and install a reinforced concrete well pit, including foundation materials, fit pedestal, valve supports, flow meter, gauges, etc...	1	LS	\$15,000.00	\$15,000.00		\$35,000.00	\$35,000.00		\$28,750.00	\$28,750.00		\$67,850.00	\$67,850.00		\$23,134.00	\$23,134.00	
26.	Furnish and install one (1) well pump, column pipe and appurtenances as defined in section 11214, set in place, aligned and secured, etc...	1	LS	\$25,000.00	\$25,000.00		\$28,000.00	\$28,000.00		\$32,200.00	\$32,200.00		\$60,000.00	\$60,000.00		\$20,126.00	\$20,126.00	
27.	Electrical work - (see above in Section 11)	1	LS	\$140,000.00	\$140,000.00		\$112,000.00	\$112,000.00		\$115,000.00	\$115,000.00		\$140,000.00	\$140,000.00		\$134,992.00	\$134,992.00	
28.	The instrumentation work includes but is not limited to the following - (see above in Section 11)	1	LS	\$40,000.00	\$40,000.00		\$39,000.00	\$39,000.00		\$34,509.00	\$34,509.00		\$41,400.00	\$41,400.00		\$35,165.00	\$35,165.00	
29.	Demolition/Removal of two (2) portable classroom units (approx. 5200 S.F. total) at St. Bernadette Church site in an orderly and careful manner, etc...	1	LS	\$30,000.00	\$30,000.00		\$16,500.00	\$16,500.00		\$18,870.00	\$18,870.00		\$5,750.00	\$5,750.00		\$10,864.00	\$10,864.00	

SUMMARY OF BID PROPOSALS RECEIVED

SUMMARY OF BID PROPOSALS RECEIVED
FOR: Water Plant Improvements and Water Transmission Main
LOCATION: Town of Davis

BID OPENING: 07/24/02
2:30 PM

CGA Project No. 99-1165

Prepared by Calvin, Giordano & Associates, Inc.
I hereby certify that the following is a true
summary of proposals received.

Signature

Date 5-25-02

[illegible]